ABSTRACT OF THE DISCLOSURE

The image recording apparatus scans a heat mode recording material with a light beam modulated in accordance with image information, to thereby record an image on the heat mode recording material. The apparatus includes an unit for generating a modulated signal, an unit for generating an additional signal at a timing of at least one of rising and falling of the modulated signal and a unit for generating a drive signal by adding the additional signal to the modulated. The image forming method and apparatus scan a photosensitive material with the light beam to record an image, and a power of the light beam is set to a power of a level at which a recording line width or a recording dot size, which is determined depending upon a threshold value for the photosensitive material to blacken, is substantially fixed even if defocus occurs.